

# LBNL/Lund Nuclear Science Reference Server

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The Nuclear Science Reference file (NSR) contains over 160,000 primary and secondary references of interest to nuclear physics research. The reference file generally includes title, author, journal reference, keywords, and a keyword abstract. The LBNL-Lund Collaboration has prepared the Isotope Explorer NSR Server to provide access to the NSR file on the WWW. The [NSR Server web page](#) is written in Javascript and can create a reference search based on author(s), publication date, nuclide (A,Z, N, or even/odd), keyword, nuclear reaction type, and/or category (radioactivity, nuclear structure, reaction, nuclear moment, etc).

The user can specify several search criteria and submit them to the Isotopes Project's NSR server

where the relevant references are gathered and sent to the client's browser. The reference information, complete with keyword abstracts, are formatted and displayed in an output window as shown in figure 1. If the reference is available in electronic form from the American Institute of Physics, hypertext links are provided to the abstract and original article. Electronic retrieval of AIP publications requires that the user have authorized access.

## Footnotes and References

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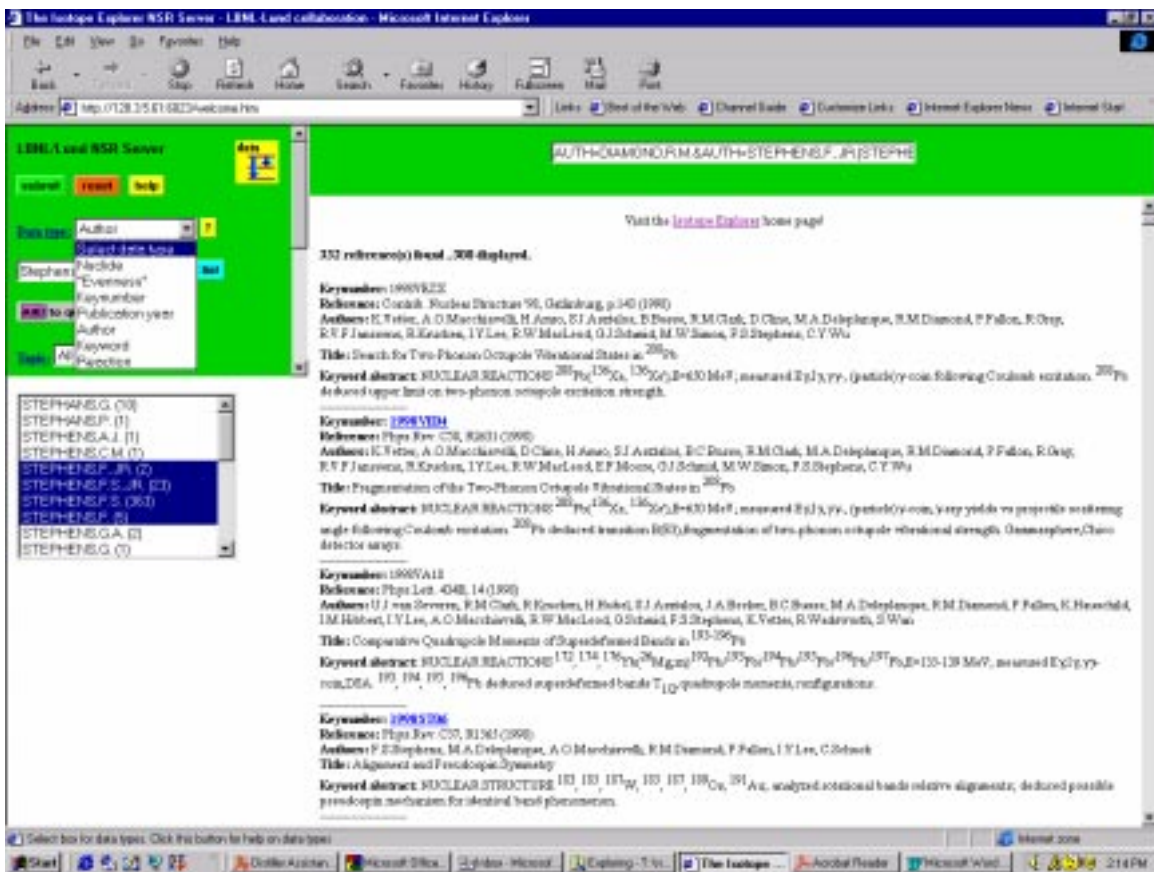


Figure 1. Sample reference search with Isotope Explorer NSR Server. Here we search on two authors, Diamond and Stephens (four spellings) and find 332 references. 1998VE04 is linked to the original Phys. Rev. paper.